

# FIPS Certified Appliance

**File transfer problems.  
Solved.**



## The FIPS 140-2 Level 2 Certified Secure File Transfer Appliance is approved for use by federal, state and local government agencies.

Government agencies and businesses around the globe are able to quickly, easily and securely send and receive files using Accellion managed file transfer. Over 2,000,000 enterprise users, in over 20 countries, handle TeraBytes of file transfers every day, effortlessly and securely via Accellion file transfer. Accellion is fast becoming the standard for enterprise file transfer.

The Accellion Appliance is a core component of the Accellion secure file transfer system and has achieved FIPS 140-2 Level 2 certification for its A1000 class appliances. This certifies that all file transfer operations through the Appliance are being performed in a highly secure and safe environment.

The FIPS 140-2 Certified Accellion appliance has obtained Federal Information Processing Standards (FIPS) 140-2 certification from the Commerce Department's National Institute of Standards and Technology (NIST). This standard has also been adopted by the Canadian government's Communication Security Establishment (CSE). This certification assures federal, state, and local agencies that the information they share via the Accellion Managed File Transfer FIPS Certified Appliance meets strict security requirements.

### Increased Security Features

The FIPS 140-2 certified Accellion Appliance comes with strengthened security, a notch above other Accellion appliances. A series of startup tests including Known Answer Tests (KAT), validate the cryptographic libraries used in the Appliance. Library integrity checks ensure that the Accellion Appliance has not been tampered with. The Accellion Appliance will only successfully initialize if all the startup tests are passed successfully. If the Accellion Appliance does not initialize successfully, file transfer services on the appliance are disabled. In addition if the security of the appliance is compromised under any circumstance, the administrator has the option of "zeroization" that will protect against data breaches and any unauthorized data access.

More details regarding the Accellion Validation Certificate can be found on the Cryptographic Module Validation Program website. FIPS 140-2 Level 2 certification covers both the hardware and software aspects of the Accellion Appliance and ensures that not only the software/firmware offers best-in-class security but also the physical security conforms to the highest possible security standards.

### KEY BENEFITS

- Suitable for deployment within Federal, State and Local Government organizations
- Increases data transfer security
- Enables secure transfer of files and folders up to 20GB in size
- Eliminates FTP support
- Offloads files from email system
- Achieves compliance with SOX, HIPAA, FDA
- Reduces IT support
- Provides audit trail for files
- Automates file transfer management
- Obtains return receipt for file transfers
- Delivers rapid scalability

### Benefits

#### Send any size file and folder securely and easily

Accellion enables business and government employees to securely send and receive files and folders of any size – up to 20GB – to recipients at any location and organization. By moving file transfer to an Accellion appliance, IT administrators will notice improved email server performance and reduced email storage requirements.

#### Eliminate FTP servers and overnight deliveries

Accellion enables secure large file transfer at electronic speeds with minimal IT support and an easy to use interface for end users.

#### Achieve regulatory compliance

Accellion is a key component in implementing the secure and auditable file transfer processes required for meeting IP security needs and compliance mandates such as Sarbanes-Oxley Section 404, 21 CFR Part 11, HIPAA, Department of Defense (DOD) 5015.2, and Securities and Exchange (SEC) Act Rules 17a-3 4 (17 CFR 240,17a-3,4).

### File Transfer Security

Accellion secure file transfer incorporates multiple levels of file transfer security.

#### FIPS 140-2 Certification

FIPS 140-2 Level 2 certification covers both the hardware and software aspects of the Accellion Appliance and ensures that not only the software/firmware offers best-in-class security but also the physical security conforms to the highest possible security standards.

File/Data Security

For each file transferred, the Accellion Appliance provides a secure link which uses a double hashed unique token. Hardened TLSv1 is used for transport layer encryption for both uploads and downloads and AES128 is used for file level encryption.

Business Level Security

Accellion file transfer contains an authentication check point to validate recipients so confidential information is not overexposed. Users get return receipts with every file transfer and Accellion provides an audit trail with its file tracking and reporting features. Each file link is assigned a limited lifespan with the expiration encoded within.

Ease of Use

Accellion’s intuitive and easy to use Web interface requires zero user training. Email plug-ins for MS Outlook and Lotus Notes allows users to send files securely from within their email application as easily as clicking a paperclip.

Flexible Deployment

Accellion enables flexible deployment configurations supporting single-site and multi-site installations. In multi-site installations Accellion provides file replication between Accellion Appliances enabling flexible, customizable, distribution and storage of files throughout an Accellion appliance network. Accellion file replication technology is patented and provides valuable performance benefits. Accellion file replication enables users to download files from the nearest Accellion Appliance with faster download speeds. File replication is triggered either by preset replication rules, manual replication request or by smart replication whereby Accellion automatically replicates files based on the recipient profile.

Dependability

The Accellion remote failover feature provides geographic redundancy protection between two appliances installed in different locations.

Savings

Use of Accellion secure file transfer can significantly reduce the cost of transferring digital information through the elimination of overnight delivery charges and the reduction in IT support cost for FTP and home grown file transfer solutions. Organizations also experience significant reductions in email storage.

KEY BENEFITS

- Appliance Form Factor
- FIPS 140-2 certification
- Single site and multi-site installation
- Send files and folders up to 20GB in size
- Linux operating system
- Transport layer encryption via TLSv1
- File level encryption via AES128
- Intelligent File Replication
- Web-based IT Administrative Console
- Web Interface with multi-language support
- File tracking and reporting
- Audit Trail
- MS Outlook plug-in
- Lotus Notes plug-in
- LDAP/AD Integration
- Local Clustering
- Remote Failover

FIPS 140-2 Accellion Appliance Specifications	ACFIPSP
Rack mountable	Y (2U)
CPU	2xQuadCore Xeon
RAM	4GB
Hard Drive	880GB/SAS*
Gigabit NIC	Included
Storage Redundancy	RAID5
Redundant Fans & Power	Included
Battery Backed Cache enabler	Included
Tamper Proof Seals	Included
Dust Filter	Included